

SP

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/820,693	KREAGER ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Anjan K. Deb	2858	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 02/21/2006.
2. ☒ The allowed claim(s) is/are 12-17 and 23-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **DETAILED ACTION**

1. This office action is in response to amendment filed 02/21/2006.

#### ***Response to Arguments***

2. Applicant's arguments regarding rejection of claims 12-14, 23, and 29-34 under 35 U.S.C. § 103(a) as being unpatentable over Britton (US 3,904,959) in view of McDonough (US 5,945,835) presented in page 10 first paragraph (re claim 23), page 11 last paragraph (re claim 30), page 13 first paragraph (re claim 12) that Britton and McDonough fails to describe or suggest the claimed invention is persuasive.

In addition, applicant's arguments regarding rejection of claims 12, 23, and 30 under 35 U.S.C. § 103(a) as being unpatentable over Britton (US 3,904,959) in view of Frenkel (US 6,538,454 B1) presented in page 14 last paragraph and page 15 first paragraph (re claim 23), page 15 last paragraph (re claim 30), and page 16 last paragraph and page 17 first paragraph (re claim 12) that Britton and Frenkel fails to describe or suggest the claimed invention is persuasive.

#### ***Examiner's Amendment***

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification, first line, replace "which is presently pending" with -- now US Patent Number 6,844,738 B2 issued on January 18, 2005 --.

*Allowable Subject Matter*

4. Claims 12-17, 23-36 are allowed.

*Reasons for Allowance*

5. The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of the claims 12-17 is the inclusion of, in the combination as claimed, "connecting in series at least the first coaxial cable, the radio frequency test probe in the test fixture, the adapter, and the second coaxial cable to form a test configuration in which the adapter contacts the radio frequency test probe."

The primary reason for allowance of the claims 23-29 is the inclusion of, in the combination as claimed, "connecting an adapter to a first coaxial cable, the adapter having a first end configured to join with said first coaxial cable and a second end configured to mate with a radio frequency probe; mating a radio frequency probe to said adapter, connecting a second coaxial cable to said radio frequency probe;"

The primary reason for allowance of the claims 30-36 is the inclusion of, in the combination as claimed, "forming a calibration configuration including a first coaxial

Art Unit: 2858

cable, an adapter, and a second coaxial cable, said adapter configured to mate with a radio frequency probe and said second coaxial cable;"

*Conclusion*

6 . The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Pooley (US 20050262953 A1) and Neel (US 5,157,337) discloses probe assembly comprising adapter connected to coaxial cable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dr. Anjan K. Deb whose telephone number is 571-272-2228. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diane Lee can be reached at 571-272-2399.



**Anjan K. Deb, PhD, PE (Electrical)**

Primary Patent Examiner

Art Unit: 2858

4/27/06

Tel: 571-272-2228

E-mail :

[anjan.deb@uspto.gov](mailto:anjan.deb@uspto.gov)